

The documentation and process conversion measures necessary to comply with this revision shall be completed by January 22, 2002.

INCH-POUND

MIL-PRF-19500/395F
AMENDMENT 1
23 October 2001

PERFORMANCE SPECIFICATION

SEMICONDUCTOR DEVICE, TRANSISTOR, NPN, SILICON, SWITCHING
TYPES 2N3735, 2N3735L, 2N3737 AND 2N3737UB
JAN, JANTX, JANTXV, JANS AND JANHC, JANKC

This amendment forms a part of MIL-PRF-19500/395F, dated 26 February 2001, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 8

4.3, screen 11, JANTX and JANTXV levels column, delete: " I_{CBO1} " and substitute: " I_{CBO2} ".

PAGE 11

4.5.2.a, delete and substitute: "Collector current magnitude during power application shall be 45 mA dc minimum for 2N3735 and 2N3735L and 31 mA dc minimum for 2N3737."

PAGE 13

TABLE I, subgroup 2, after forward current transfer ratio, symbol h_{FE3} , add:

" <u>Subgroup 2</u> - Continued.						
Forward current transfer ratio	3076	$V_{CE} = 1.5 \text{ V dc}$; $I_C = 1.0 \text{ A dc}$ pulsed (see 4.5.1)	h_{FE4}	20	80	
Collector to emitter voltage (saturated)	3071	$I_C = 10 \text{ mA dc}$, $I_B = 1.0 \text{ mA dc}$	$V_{CE(sat)1}$		0.2	V dc
Collector to emitter voltage (saturated)	3071	$I_C = 150 \text{ mA dc}$, $I_B = 15 \text{ mA dc}$, pulsed (see 4.5.1)	$V_{CE(sat)2}$		0.3	V dc
"						

Custodians:
Army - CR
Navy - NW
Air Force - 11
NASA - NA
DLA - CC

Preparing activity:
DLA - CC

(Project 5961-2522)

Review activities:
Army - AR, AV, MI, SM
Navy - AS, MC
Air Force - 19